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- (71) Applicant (for all designated States except US): **MICRO-GEN ENERGY LIMITED** [GB/GB]; 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CLARK, David, Anthony** [GB/GB]; 4 Mill Dam, Hugglescote, Leicestershire LE67 2BU (GB). **COOPER, James, Edward** [GB/GB]; 256 Beacon Road, Loughborough, Leicestershire LE11 2RD (GB). **HASKO, Stephen, Michael** [GB/GB]; Alger House, 105 High Street, Brampton, Huntingdon (GB). **SPENCELEY, Christopher, John** [GB/GB]; 10 Yattendon Court, Yattendon, Berkshire RG18 0UT (GB).
- (74) Agents: **DRAPER, Martyn, John et al.**; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London (GB).
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(54) Title: A STIRLING ENGINE ASSEMBLY

(57) Abstract: A Stirling engine assembly (1) comprising a Stirling engine (4) having a head (8). A burner (7) surrounds the head and comprises a burner element on which a flame is sustained. The burner is fed with a combustible gas stream. A recuperator (20) preheats the gas stream with combustion products from the burner. A coolant circuit (32) is positioned to absorb heat, which is radiated from the back of the burner element away from the head, into a coolant stream separate from the gas stream.